

**REMARKS**

This is in response to the Advisory Action mailed on October 7, 2005 wherein the Examiner responded to Applicant's arguments in Applicant's Amendment after final rejection filed on September 26, 2005. In the Examiner's response to Applicant's arguments, the Examiner stated that the request for reconsideration did not place the application in condition for allowance because, "Cheprasov et al. deliver electrical signals indicative of stripe height during polishing." (Advisory Action Before the Filing of an Appeal Brief, page 2). The Examiner never acknowledged the requirement of a sensor that senses an electrical response to an applied magnetic field for controlling material removal in each slider based upon the electrical response, as explicitly recited in independent claims 20 and 27. Because this limitation is not disclosed by the prior art of record, claims 20-25, 27, and 29-31 are in condition for allowance.

Previously allowed claims 32 and 33 have been amended to formalize the language of the claims.

New claims 34-42 depend from allowed claims 32 and 33 and are allowable therewith.

In view of the foregoing, pending claims 20-25, 27, and 29-42 are in condition for allowance. A notice to that effect is respectfully requested.

Respectfully submitted,

KINNEY & LANGE, P.A.

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By: 

Ann Kulprathipanja, Reg. No. 50,608

THE KINNEY & LANGE BUILDING

312 South Third Street

Minneapolis, MN 55415-1002

Telephone: (612) 339-1863

Fax: (612) 339-6580

AK:hlw